

# Azure DevOps

The screenshot displays the Azure DevOps web interface in a browser. The address bar shows the URL: `arunjab.visualstudio.com/Bootcamp2/_releaseDefinition?definitionId=1&a=definition-tasks&environmentId=1`. The breadcrumb navigation at the top reads: `arunjab / Bootcamp2 / Pipelines / Releases / New release pipeline`. On the left, a sidebar menu lists various project components: **Bootcamp2**, Overview, Boards, Repos, Pipelines (selected), Environments, Releases, Library, Task groups, and Deployment groups. The main content area is titled **New release pipeline** and includes tabs for Pipeline, Tasks, Variables, Retention, Options, and History. The **Tasks** tab is active, showing **Stage 1** (Deployment process). Under **Agent job**, there are two tasks: **Install Cloud Foundry CLI 6.43.0** and **cf Push** (Cloud Foundry CLI), which is currently selected. The right-hand pane provides configuration details for the **cf Push** task, including: 

- Task version:** 0\*
- Display name:** cf Push
- Cloud Foundry Endpoint:** PCF Connection (with a Manage link)
- Command:** push
- Arguments:** cfd-springboot:4.0 --image myladorinfotech/cfd-springboot:4.0

arunjacob.visualstudio.com/Bootcamp2/\_releaseProgress?releaseId=1&a=release-pipeline-progress

Azure DevOps

Bootcamp2

New release pipeline > Release-1

Pipeline Variables History + Deploy Cancel Refresh Edit

Release

Manually triggered  
by arunjac  
24/07/2020, 23:19

Artifacts

\_Bootcamp2-Docker c...  
20200724.1  
master

Stages

Stage 1  
Succeeded  
on 24/07/2020, 23:24

arunjacob.visualstudio.com/Bootcamp2/\_releaseProgress?releaseId=1&a=release-environment-logs&environmentId=1

Azure DevOps

Bootcamp2

New release pipeline > Release-1 > Stage 1 Succeeded

Pipeline Tasks Variables Logs Tests Deploy Cancel Refresh Download all logs Edit

Deployment attempt #2  
Succeeded

Agent job  
Succeeded

Agent job  
Pool: Azure Pipelines · Agent: Hosted Agent  
Started: 24/07/2020, 23:23:29  
... 32s

Initialize job · succeeded	2s
Install Cloud Foundry CLI 6.43.0 · succeeded	3s
cf Push · succeeded	26s
Finalize Job · succeeded	<1s

Visual Studio Code interface showing the Azure DevOps extension and a terminal window displaying the output of a 'cf Push' command.

**Azure DevOps - Bootcamp2**

- Overview
- Boards
- Repos
- Pipelines
- Pipelines
- Environments
- Releases
- Library
- Task groups
- Deployment groups
- Project settings

**cf Push**

```
37 2020-07-24T17:53:41.7611079Z Staging app and tracing logs...
38 2020-07-24T17:53:42.6616977Z Cell b5e3eed0-6e53-49d1-aa8b-ce3443efac4a creating container for instance 89cdcfc5-2df1-4758-9a4c-61898372
39 2020-07-24T17:53:43.5610214Z Cell b5e3eed0-6e53-49d1-aa8b-ce3443efac4a successfully created container for instance 89cdcfc5-2df1-4758-9a4c-61898372
40 2020-07-24T17:53:43.5611062Z Staging...
41 2020-07-24T17:53:43.8610385Z Staging process started ...
42 2020-07-24T17:53:44.1616498Z Staging process finished
43 2020-07-24T17:53:44.4614995Z Exit status 0
44 2020-07-24T17:53:44.4615734Z Staging Complete
45 2020-07-24T17:53:45.0612965Z Cell b5e3eed0-6e53-49d1-aa8b-ce3443efac4a stopping instance 89cdcfc5-2df1-4758-9a4c-61898372
46 2020-07-24T17:53:45.0616011Z Cell b5e3eed0-6e53-49d1-aa8b-ce3443efac4a destroying container for instance 89cdcfc5-2df1-4758-9a4c-61898372
47 2020-07-24T17:53:45.2686939Z
48 2020-07-24T17:53:45.2687995Z Waiting for app to start...
49 2020-07-24T17:54:00.7792844Z
50 2020-07-24T17:54:01.6179101Z name:          c1cd-springboot:4.0
51 2020-07-24T17:54:01.6184396Z requested state: started
52 2020-07-24T17:54:01.6184806Z routes:      c1cd-springboot40.cfapps.io
53 2020-07-24T17:54:01.6185336Z last uploaded: Fri 24 Jul 17:53:44 GMT 2020
54 2020-07-24T17:54:01.6185660Z stack:
55 2020-07-24T17:54:01.6186014Z docker image: myladoorinfotech/c1cd-springboot:4.0
56 2020-07-24T17:54:01.6186273Z
57 2020-07-24T17:54:01.6186498Z type:        web
58 2020-07-24T17:54:01.6186751Z instances:    1/1
59 2020-07-24T17:54:01.6187026Z memory usage: 1024M
60 2020-07-24T17:54:01.6187322Z start command: java -jar app.jar
61 2020-07-24T17:54:01.6187739Z
62 2020-07-24T17:54:01.6189487Z #0  running  2020-07-24T17:53:59Z  0.0%  92.2M of 1G  116M of 1G  details
63 2020-07-24T17:54:01.6189837Z
```

console.run.pivotal.io/organizations/234554e4-267f-49e1-a940-fb524e7917d5/spaces/5e38bb41-8946-4217-a887-6cfba6212402

Pivotal Web Services

Search apps, services, spaces, & orgs

press [I] ucearun@gmail.com

Space <<

Apps (2)

Services

Member (1)

Settings

Networking

Routes (5)

Marketplace

Info: Your org, "ucearun-org", is still in trial. To get access to 25GB of memory and paid service plans, [upgrade now](#)

Home > ucearun-org

SPACE

development

RUNNING STOPPED DOWN

1 0 0

Apps

Status	Name	Instances	Memory	Last Update	Route
STARTING	cicd-springboot:4.0	1	1 GB	0 min	<a href="https://cicd-springboot4...">https://cicd-springboot4...</a>
RUNNING	myladorinfotech/cicd-springboot:36.0	1	1 GB	13 hr 27 min	<a href="https://myladorinfotec...">https://myladorinfotec...</a>

console.run.pivotal.io/organizations/234554e4-267f-49e1-a940-fb524e7917d5/spaces/5e38bb41-8946-4217-a887-6cfba6212402

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Home > ucearun-org

SPACE

development

RUNNING STOPPED DOWN

2 0 0

Apps

Status	Name	Instances	Memory	Last Update	Route
RUNNING	cicd-springboot:4.0	1	1 GB	3 min	<a href="https://cicd-springboot4...">https://cicd-springboot4...</a>
RUNNING	myladorinfotech/cicd-springboot:36.0	1	1 GB	13 hr 30 min	<a href="https://myladorinfotec...">https://myladorinfotec...</a>

cicd-springboot40.cfapps.io

Apps

Material-UI

https://appstorec...

materialize - cdnjs...

5 Software Engine...

Best Software Eng...

2018 FIFA World...

ESPN: The World...

**Congratulations!!! Welcome to the World of DevOps**